

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	261	tsuguo near2 fukuda.in.	EPO; JPO; DERWENT	OR	ON	2007/08/08 12:58
S2	6	ehrentraut near2 dirk.in.	EPO; JPO; DERWENT	OR	ON	2007/08/08 12:58
S3	417	akira near2 yoshikawa.in.	EPO; JPO; DERWENT	OR	ON	2007/08/08 12:58
S4	648	S1 or S2 or S3	EPO; JPO; DERWENT	OR	ON	2007/08/08 12:58
S5	249	S4 and crystal	EPO; JPO; DERWENT	OR	ON	2007/08/08 13:00
S6	18	S5 and gallium	EPO; JPO; DERWENT	OR	ON	2007/08/08 13:02
S7	2	("6273948").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/08 13:02
S8	2	("6270569").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/08 13:02
S9	5	("6592663").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/08 13:02
S10	2	("5363799").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/08 13:03
S11	2	("20040144300").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/08 13:03

## EAST Search History

S12	2	("4397813").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/08 13:03
S13	2	("4496424").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/08 13:03
S14	2	("4539067").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/08 13:03
S16	2	("4606037").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/08 13:04
S17	2	("4586979").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/08 13:04
S23	751941	((("117") or ("257") or ("428") or ("438")).CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/08 13:18
S25	284	(gallium with nitride) and substrate and (film or layer) and chamber and nitrogen and cataly\$3 and pattern	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 16:40

## EAST Search History

S26	141	S25 and (platinum or iridium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 08:52
S27	109	S26 and indium and aluminum	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 13:31
S31	39	S27 and S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 16:34
S32	13	S31 and melt	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 13:33
S33	73	(gallium with nitride) and substrate and (film or layer) and chamber and nitrogen and cataly\$3 and pattern and melt	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 13:38
S34	35	S33 and S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 13:34
S36	159	((gallium with nitride) or GaN) and substrate and (film or layer) and chamber and nitrogen and cataly\$3 and melt	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 14:00

## EAST Search History

S37	63	S36 and S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 14:03
S46	789	((gallium with nitride) or GaN) and (substrate or wafer) and (film or layer) and chamber and nitrogen and cataly\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 16:40
S47	474	S46 and ((gallium or ga) with (melt or material))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 14:16
S48	52	S47 and (seed with crystal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 14:17
S49	17	S48 and S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 14:05
S50	55	S46 and ((gallium or ga) with (melt or molten))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 09:24
S52	10	S50 and seed and crystal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 14:18

## EAST Search History

S53	38	(US-20040144300-\$ or US-20070175383-\$ or US-20060046325-\$ or US-20040134429-\$ or US-20030134136-\$ or US-20020197825-\$ or US-20050042465-\$ or US-20020068201-\$).did. or (US-6273948-\$ or US-6270569-\$ or US-6592663-\$ or US-5363799-\$ or US-4397813-\$ or US-4496424-\$ or US-4539067-\$ or US-4606037-\$ or US-4586979-\$ or US-7189588-\$ or US-7011866-\$ or US-6924159-\$ or US-6592771-\$ or US-6958093-\$ or US-6969426-\$ or US-6527857-\$). did. or (WO-2005071143-\$).did. or (JP-59184798-\$ or JP-59184797-\$ or JP-59184796-\$ or JP-59083999-\$ or JP-59088393-\$ or JP-2005206403-\$ or JP-2003055098-\$ or JP-11322495-\$ or JP-11147797-\$ or JP-11147791-\$ or JP-09328397-\$ or JP-09328396-\$ or JP-61136997-\$).did.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/08 14:29
S54	6	S53 and mesh	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/08 14:29
S55	2	("6972051").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/08 16:35
S56	2	("5868837").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/08 16:37
S57	2	("4519966").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/08 16:37

## EAST Search History

S58	447	((gallium with nitride) or GaN) and (substrate or wafer) and (film or layer) and nitrogen and cataly\$3 and ((gallium or ga) with (melt or molten or liquid))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 16:51
S59	26	S58 and (cataly\$4 with pattern)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 16:46
S60	751941	((("117") or ("257") or ("428") or ("438"))).CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/08 16:46
S61	183	S58 and S60	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 16:47
S62	40	((gallium with nitride) or GaN) and (substrate or wafer) and (film or layer) and nitrogen and cataly\$3 and (gallium with (melt or molten or liquid))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 17:19
S63	1	10/083613	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 16:59
S64	380	((gallium with nitride) or GaN) and (substrate or wafer) and (film or layer) and nitrogen and (gallium with (melt or molten or liquid))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 17:19

## EAST Search History

S65	318	S60 and S64	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 17:22
S66	114	S64 and (seed with crystal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 17:22
S67	107	S60 and S66	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 17:23
S68	100	S67 not S62	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 17:23
S69	20	S68 and (platinum or iridium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/08 17:24

## EAST Search History

S70	49	(US-20070175383-\$ or US-20050042465-\$ or US-20040132275-\$ or US-20020068201-\$ or US-20050072351-\$ or US-20050066878-\$ or US-20050087753-\$ or US-20040144300-\$ or US-20040089919-\$ or US-20050009310-\$ or US-20030080345-\$ or US-20060046325-\$ or US-20030134136-\$ or US-20020197825-\$ or US-20040134429-\$).did. or (US-6972051-\$ or US-5868837-\$ or US-4539067-\$ or US-4496424-\$ or US-4586979-\$ or US-6969426-\$ or US-6958093-\$ or US-6527857-\$ or US-6633463-\$ or US-6406677-\$ or US-6270569-\$ or US-7189588-\$ or US-7011866-\$ or US-6592771-\$ or US-6924159-\$ or US-6592663-\$ or US-6273948-\$ or US-5363799-\$ or US-4397813-\$ or US-4606037-\$). did. or (WO-2005071143-\$).did. or (JP-2005206403-\$ or JP-2003055098-\$ or JP-11147797-\$ or JP-11147791-\$ or JP-09328397-\$ or JP-11322495-\$ or JP-61136997-\$ or JP-59184798-\$ or JP-59184797-\$ or JP-09328396-\$ or JP-59083999-\$ or JP-59184796-\$ or JP-59088393-\$).did.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/09 08:51
S71	6	S70 and mesh	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/09 10:04
S72	15	S70 and (platinum or iridium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 09:22
S73	2	("5363799").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/09 09:03



## EAST Search History

S74	2	("7221037").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/09 09:04
S75	2	10/757864	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 09:04
S76	13	S70 and (alloy with gallium)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 09:22
S77	4	S70 and ((gallium or ga) with (melt or molten) with alloy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 09:25
S78	14	S70 and ((gallium or ga) with alloy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 09:25
S79	1	S78 not S76	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/09 09:25
S80	24	S70 and (plasma or catalyst)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/09 13:26

## EAST Search History

S81	49	(US-20070175383-\$ or US-20050042465-\$ or US-20040132275-\$ or US-20020068201-\$ or US-20050072351-\$ or US-20050066878-\$ or US-20050087753-\$ or US-20040144300-\$ or US-20040089919-\$ or US-20050009310-\$ or US-20030080345-\$ or US-20060046325-\$ or US-20030134136-\$ or US-20020197825-\$ or US-20040134429-\$).did. or (US-6972051-\$ or US-5868837-\$ or US-4539067-\$ or US-4496424-\$ or US-4586979-\$ or US-6969426-\$ or US-6958093-\$ or US-6527857-\$ or US-6633463-\$ or US-6406677-\$ or US-6270569-\$ or US-7189588-\$ or US-7011866-\$ or US-6592771-\$ or US-6924159-\$ or US-6592663-\$ or US-6273948-\$ or US-5363799-\$ or US-4397813-\$ or US-4606037-\$). did. or (WO-2005071143-\$).did. or (JP-2005206403-\$ or JP-2003055098-\$ or JP-11147797-\$ or JP-11147791-\$ or JP-09328397-\$ or JP-11322495-\$ or JP-61136997-\$ or JP-59184798-\$ or JP-59184797-\$ or JP-09328396-\$ or JP-59083999-\$ or JP-59184796-\$ or JP-59088393-\$).did.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/09 13:27
S82	25	S81 and thickness	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/09 13:27